

REMARKS

Claims 14-16, 18-22, and 24-33 are pending in this application. Claims 1-13, 17, and 23 were previously canceled. Claims 14, 18, 20, and 24 are in independent form. Claims 14, 20, and 24-25 are amended, with claim 24 being put into independent form. Claim 25-33 have been amended to depend from allowed claim 18. Claims 14 and 20 have been amended to include language from claims 18 and 24 that was previously indicated to impart allowability. In addition, claims 25-33 are amended to depend from claim 18 and are, thus, submitted to be in condition for allowance. No new matter has been entered.

Applicant has amended claims 14 and 20 to include language that the Examiner previously indicated imparted allowability to claims 18 and 24 (see April 27, 2006 Office Action at paragraph 16). For this reason, claims 14, 20 and the claims that depend therefrom are submitted to be in condition for allowance.

Applicant submits that the present response does not raise a new issue because the Examiner has already indicated that the disabling of the programming based upon the calculation of a "pulse-to-noise:" imparts patentability to claim 18. This element has been added to claims 14 and 20 and is submitted to impart patentability to all the pending claims. Thus, applicant submits that entry of this amendment is appropriate. Applicant respectfully requests an indication of allowable subject matter. The Examiner is invited to call the undersigned attorney if a telephone call could help to resolve any remaining issues.

The fee for one additional independent claim is believed to be due with this submission, and this fee may be withdrawn from deposit account 50-1432. Should any additional fees be required, they also may be withdrawn from deposit account 50-1432.

Respectfully submitted,



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